

CLAIMS:

1. A coupling between a sheet member with an edge of a thickness t , having at least one opening formed adjacent said edge, and a receiving member formed with a recess of a width W and spacers defining within said recess a groove of a width w , which meets the condition $t < w < W$, said recess comprising at least one projection protruding into said groove, said groove being adapted to slidably receive said edge of the sheet member with said projection snap-fitting into said opening, thereby providing a secure coupling between the sheet and receiving members.
2. A coupling in accordance with claim 1, wherein said sheet member is made of a metal.
3. A coupling in accordance with claim 1, wherein said receiving member is made of a thermoplastic polymer.
4. A coupling in accordance with claim 1, wherein said projection is adapted for being elastically pressed out of the groove, enabling said sheet member, during its insertion into said groove, to advance in an inward direction thereof into said groove until said opening is aligned with the projection to enable the projection snap-fit the opening.
5. A coupling in accordance with claim 4, wherein the opening in said sheet member and said projection have a geometry that prevents withdrawal of the sheet member outwardly from the groove when the projection is snap-fit in the opening.
6. A coupling in accordance with claim 5, wherein said projection is formed with a front face, adapted to be the first face to contact said edge of the sheet member when the sheet member is inserted into the groove, and a rear face, wherein said front face is slanted with respect to the inward direction, enabling the front edge to easily bias the projection out of the groove, when inserting the sheet member into the groove, and wherein said rear face is perpendicular to the inward direction, so that when the projection is snap-fit in the opening, it interacts with the opening to prevent withdrawal of the sheet member out of the groove.

7. A coupling in accordance with claim 6, wherein said recess is formed with sidewalls providing it with elasticity, and wherein said projection is integrally formed with one of said sidewalls.
8. A coupling in accordance with claim 3, wherein said recess in said receiving member is designed with sidewalls of a uniform wall-thickness.
9. A coupling in accordance with claim 8, wherein the sidewalls of said recess, are thin compared to the width W of the recess.
10. A coupling in accordance with claim 9, wherein said spacers are formed integrally with at least one of said sidewalls.
11. A coupling in accordance with claim 10, wherein said spacers constructed to be stronger than said sidewalls, facilitating the rigidity of the recess.
12. A coupling in accordance with claim 1, wherein said opening is an aperture spaced from the edge.
13. A container comprising:
 - (a) a base in the form of a U-shaped metal sheet having a couple of essentially straight side edges, and a couple of U-shaped end edges, with at least one opening formed on said metal sheet adjacent each of said edges;
 - (b) two plastic rulers, each formed with a groove adapted to slidingly receive one of said side edges, and at least one projection protruding into said groove, adapted to interact with said at least one opening in said metal sheet adjacent said side edge to provide a secure coupling between the metal sheet and each of the rulers upon the insertion of the side edges into the groove;
 - (c) two plastic end walls, each formed with a U-shaped groove adapted to slidingly receive one of said end edges, and at least one projection protruding into each of said grooves, adapted to interact with said at least one opening in said metal sheet adjacent said end edge to provide a secure

coupling between the metal sheet and each of the end walls
upon the insertion of one of said end edges into one of said
U-shaped grooves

wherein assembling said container comprises the steps of: securing said two
plastic rulers to said side edges and securing said two end walls to said
couple of end edges.

14. A container in accordance with claim 13, wherein each of said plastic rulers
has two ends, and each of said two plastic end walls is formed with two sockets,
wherein said ends are adapted to snap fit into said sockets upon assembly of said
box thereby providing a secure connection therebetween.

15. A container in accordance with claim 14, wherein the box further comprises
a cover, wherein said plastic rulers and said plastic end walls are adapted to
securely engage said cover.